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**Land Grid Array Socket with Diverse Contacts**

**Abstract**

A socket, such as a Land Grid Array (LGA) socket, for forming electrical  
5 connections between a first surface having a first contact array and a second surface  
having a second contact array. The socket includes a plurality of compliant contacts,  
each contact inserted into one of a plurality of passages that extend through a plate. Each  
contact has a first contact surface for electrically engaging the first contact array, and a  
second contact surface for electrically engaging the second contact array. At least one of  
10 the contacts is a low current contact, and at least one of the contacts is a high current  
contact capable of passing more current than the low current contact.